



Celebrating 50 Years 1947-1997

BULLETIN

No. 9

October 1997

Next Meeting

7:30 PM, Thursday, October 9th at
Jun's Electronics, 5563 Sepulveda
Blvd. (Exit the San Diego Fwy (405)
at Jefferson and proceed east to
Sepulveda Blvd.)

Is That An End-Fed Zepp, or Are You Just Happy to See Me?

(October's Program: A strange
bulge at the Marina.)

Okay, you got the yacht and the
pied-à-terre at the Marina. What else
could you possibly need? Silly goose!
A 160 meter antenna, of course.
"Impossible!" you say?

Joe Cadwallader, K6ZMW shows
you how he did it. (It works, too.)

(Dan, W7RE, supplies several of the
raffle prizes - You better buy lot'sa
tickets!)

(See "Programs," Page 2)

W6XD Presents....



Art "Bring
'em Back
Alive" God-
dard, W6XD
was instrumen-
tal in bringing
Chris DeBeers
to the SCDXC.
Here he demon-
strates the
close-talking
technique that
busted the pile-
ups and estab-
lished his
world-wide in-
fluence.

ZS8IR Is a "Marion" Guy!

They took down the Rhombics on
Marion Island. The environmentalists
did it. They were afraid that endangered
birds wouldn't see the wires. Penguins
wade ashore to lay their eggs. They drag
seaweed along with their webbed feet.
Some become ensnared. Prince Edward
Island is reserved for wildlife, it is so sterile
that visitors must wear "space suits" and
helicopters, needed to negotiate the steep
cliffs, must hover. As an E.M.T. with
special training, Chris DeBeers, ZS8IR,
treated a seriously ill Romanian Sailor. He
sewed up a wound on his own arm. Enter-
prising carpenters chose the most scenic spots on the island to site
outhouses. No need for QST - Just enjoy the view.

Chris elaborated on these subjects
and many others as he described his
thirteen months as a member of the
environmental study team on Marion
Island. The camp darkroom pro-
vided the spectacular slides he
showed of the hand-crafted bar and
the modest medical facilities.

Though rough weather is normal
for the island group far south of
Capetown, South Africa, the slides
revealed starkly beautiful terrain.

Muck was everywhere, a trek
around the perimeter, sloughing
through Kerguelen cabbage, takes
five days.

The eleven team members were a
close community. There was more
than enough wildlife to study. Chris
rapidly learned which walrus could
be approached and which were best
observed from a distance.

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I'm a Webmeister! Page 5
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RO Ramblings

by Larry Shapiro, K6RO



September has been a great month for DX. The bands have been HOT with the SFI reaching a high of 109 ! The VK9W and ZK1N groups sure picked a good time, they accomplished their goal of giving Europeans

a few new band countries along with a few of us 6's.

I have been busy on the bands since my tower went back up. I worked the VK9W group 16 different ways and the ZK1N 12 times. As I write this, the K7K (KH7K) group just started making "Q's." I have already worked them 4 times. Am I turning into a DX hog? Probably not, just been off the air a long time. For those who like to see their call in a log search, check out Craig, N6ED's web page. It has at least 8 log search links. <http://www.geocities.com/southbeach/palms/8651/>

My tower and antenna project is almost done. A few minor details and then 160M. I will be experimenting with an inverted vee, sloper, and loading the tower to find the best results. More later.

September was also ARRL Convention time. It was held in beautiful downtown Riverside. I saw a number of our members there, it looked like everyone was having a good time. We had a club booth this year thanks to Fred, W6TKV. I spent Saturday there, along with Will, Carl, Cathy and Dave, AG8L who was here on business from Michigan. We promoted the club, talked about DX and even signed up two new members! Next year's convention will be in San Diego for those who like to plan early.

Yesterday, after the TRW swap meet, we had a Visalia planning meeting. It was a great success, we had 13 people there, working to make the 1998 convention the best ever. If anyone wants to help out please let Rick, W6SR or Don N6IC know and they will find a job for you.

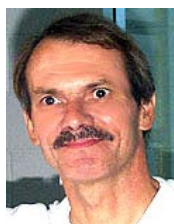
October is going to be a busy month for dx'ers and contesters. The CQP starts off the month, the CQWW SSB test ends it on the 26th-28th. I will be going to J3 along with Rick, W6SR for CQWW. We

will be doing a "Multi/Multi" along with 8 other ops. Our contest call should be J3A. Before and after the contest, look for J38RO and J38SR. I hope to have an exotic, color QSL card for those who like to collect them.

...Larry, K6RO

1997 Programs

by Will Angenent, KN6DV



As they say: "time flies." We're just back from Fresno and we had a Visalia committee meeting. We're already doing some good things and the program is in good hands (K6EXO).

I am glad that the bands are opening again and there is some good DX activity out there. The ZK1 operation, 3B9, and as I am typing, the K7K (Kure Island) dx-pedition is going full strength.

Our last meeting was a great success, Chris (ZS8IR) did a fantastic presentation about life on Marion Island. A special thanks to Art, W6XD and Dick, N6AA for helping to make this happen. This month's program will be a presentation by one of our members, Joe Cadwallader, K6ZMW. Joe will give a presentation from his experience on the low bands especially "the 160/80 'stealth' long-wire." Joe will also have a audio tape to let us hear the results.

Mike, K2CD has been doing some fun writing in the style of Hugh Cassidy, WA6AUD, who invented the "Palos Verdes Sundancers." I thought you might enjoy Mike's latest effort:

"The Palos Verdes Sundancers were the ones who brought on the solar cycles . . . they first appeared near the bottom of Cycle 20 when QST was reporting the possibility of another Maunder Minimum. There was historical evidence that there was a time some hundreds of years ago when there were no sunspots for a period of about seventy years. This fact was discovered by someone named Maunder, hence the name. In order to prevent such a dire reoccurrence, the Palos Verdes Sundancers got out their grass skirts and the big bass bongo, Big DX, and danced up the sunspots every 11 years or so. The problem with the Sundancers was that after they got the flux up, they lost interest

and stopped dancing! This plunged us into another cycle minimum and they had to be coaxed into doing it all over again."

(In Cassidy's version, the Sundancers never lost interest - the DX'ers lost faith in the Sundancers - our lack of faith plunged us into another minimum - much more poetic! -ed)

I have done some shopping for raffle prizes and Dan, W7RF gave the club some good deals so we should have good prizes again this month. Hope to see you all at Shakey's before the meeting.

...Will, KN6DV

Packet Spot Iron Cage Free-For-All Derby

by Harvey Shore, K6EXO



This month again we see the improvement in DX conditions resulting in a greater number of spots being posted.

A grand total of 2785 for the So Cal. Cluster! Any day now the scoring criteria will be on the club's webpage. For those who cannot wait send me a message <af006@lafn.org> and I will e-mail you the list. Sorry it is too long to post in the BULLETin.

Spotter	Spots	Score
N6RT	305	335
W6LAX	104	100
N6KZ	68	70
AJ6A	68	64
W6KK	43	44
K6YRA	38	44
K6RO	33	35
WA6TLA	32	32
WU6T	30	28
W6AUG	33	27
AC6RN	25	24
KN6DV	23	23
NQ6N	8	22
WA7BNM	10	16
W6RW	16	15
W6SR	17	14
KR6C	15	14
KC6T	14	14
W1HIJ	14	13
W6EJJ	13	13
W6ZH	11	11

(Continued on Page 6)

MINIPROP PLUS Predictions

by Shel, W6EL



These MINIPROP PLUS predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 94 corresponding to a sunspot number of 38, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

DX Location:

FH Mayotte - 10/9 to 10/22
Beam 39 degrees
Sunrise/sunset (on 10/16) 0236/1453

JY Jordan - 10/6 to 10/27
Beam 23 degrees
Sunrise/sunset (on 10/17) 0343/1456

9M6 East Malaysia - 10/23 to 10/26
Beam 297 degrees
Sunrise/sunset (on 10/25) 2205/0955

ZL7 Chatham Is. - 10/22 to 10/27
Beam 218 degrees
Sunrise/sunset (on 10/25) 1642/0618

5R Madagascar - 11/5 to 11/14
Beam 43 degrees
Sunrise/sunset (on 11/10) 0213/1459

Band/Best Times:

80: Around 0130.
40: 0130-0230.
Try long path around 1430.
20: 2230-0030.
Long path 1430-1530.
15: 1630-2130.

80: Around 0200.
40: 0130-0330.
20: 0530-0630 and 1430-1600.
Long path 1430-1500.

80: 1200-1330.
40: 1000-1430.
20: 1000-1430.
15: 2200-0130.

80: 0730-1330.
40: 0600-1400
20: 0230-0400 and 1600-1700.
15: 2000-0200.

80: Around 0130.
40: 2330-0300.
Long path 1430-1500.
20: 2000-0030.
Long path 1500-1600.
15: 1630-2030.

QSL Corner

by Al, NS6B

Unfortunately Al, NS6B was unable to supply his monthly QSL information column. Seems Al had the sheet on the kitchen counter, next to the FAX machine. He was away for just a minute and when he returned, it was gone. His suspicions deepened when he noted that a can of **Ken-L-Ration™** was overturned and the label mutilated. Al loaded his Weimaraner, Yasme, into his Studebaker and headed to the Vet. The Doc gave Yasme a Milkbone laced with castor oil. After about a half hour, Al and the doc tried to find the QSL data. All they found was a scrap that said:

“90% pork by-products.”

To spare Yasme any further humiliation, the *BULLETIN* team has decided to supply some QSL information anyway and we wish Al better luck next month!

AH0R	Via JH7RTO
CL8VP	Via CO8RCS
C56DI	Via G0UCT
EM1HO	Via I2PJA
FK8FU	Via NA5U
K7K	Via KE7LZ

R1ANZ	Via RU1ZC
TT8KM	Via F6FNU
UE0FFF	Via KL7H
VK9WM VK9WY	Via VK4FW
VQ9AI	Via WB0BNR Rick Levandowski P.O. Box 367 Cascade, WI 53011
YI9CW	Via SP5AUC Tomasz Rogowski P.O. Box 11 Warsaw 93, Poland
ZK1XXP	Via WA4YBV
9X0A	Via RW3AH Andy Fyodoroff P.O. Box 899 Moscow 127018 Russia

The "Marion Guy"

(From Page 1)

Chris was initially licensed in 1991 as ZR6TAA. He upgraded to HF privileges in 1993 as ZS6RI. He moved to Natal, Republic of South Africa, became ZS5IR and was active in DX'ing and contesting with ZS6EZ. He operated from 3DA0Z in 1994 and later as 3DA0/ZS6RI and C9/ZS5IR. CW contesting and DX'ing are Chris's favorites.

Chris was in Los Angeles on his way to join the ZK1 - North Cook Island team as medical and photographic officer, and thanks to Art, W6XD, and Dick Norton, N6AA, the Southern California DX Club snared him!



Dot... dot... dot...

By Guglielmo Pookah, E1EIO



Here at the **hutch** a flock of us are attending **mail-order detective school**. Our ears pricked up when we heard of **N0AW's** new e-mail address: <peter.meyer@mail2.law.und.nodak.edu> Could this mean the **Pete-ster** is in law school? Look out **F. Lee... Neil, K6SMF** got his **Extra Ticket**. "It's the only way to go when you got all those **old keys** around," he explained... Just found out why we haven't heard from **DXCC Manager Bill Kennamer, K5FUV**. Seems he's still up in **Fresno** checking the **1200 cards** that **Mark, K6FG** brought to the convention... They heard we were coming - **Quick like a bunny** they're putting

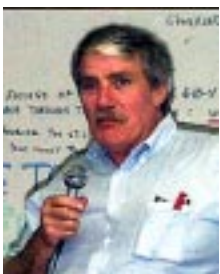
up a hotel across from the **Visalia Holiday Inn**. Rumor is that each room will have a **QSL card holder on the door... Surgeons** at Cedars-Sinai Hospital were astounded when they operated on **Jerry, K6AV**. What did they find inside? **Romeo Stephanko, XY0RR**, of course... Is it true that the **Kure Island Expedition** call sign, **K7K** was suggested by the **Committee to Abolish Computerized Logging Programs?... Ted, K8NA** offered to buy **W8DX** a beer at **Visalia** after he heard the **venerable old call** in a pile-up. **W8DX** said: "Hmmm. If **Ted's** a big guy I might be able to lay off some of my **bodyguards**." (The "**8-landers**" are not thrilled with the call being appropriated by a "**6**")... **Georgia A. Lawrence**, Mom of **Paul, N6AV** and spouse of **Elliott, WA6TLA**, received the call **K6GAL**. "Okay, I know you're wondering," Elliott explains, "it's because she always keeps a **gallon of milk** in the 'fridge."

...Gugli

(The *BULLETIN* is not responsible for Pookah's alleged observations. Gugli's portrait by 'Drew Duncan exclusively for the SCDXC *BULLETIN*.)



With the DXAC



Our own representative on the ARRL DX Advisory Committee is Vince Thompson, K5VT. At the September meeting, Vince spoke on some of the issues before the DXAC, including the recent 70 operation. He took a straw vote on whether the P5/OH activation from North Korea (which worked only JA's) should be counted. Club members voted "yes."

Vince said his busy work schedule doesn't allow much time, but reminded us that he has an "800" number. (It's (800) 840-5397.)

DXCC 2000 Update:

John Kanode, N4MM released the "Interim Report and Recommendations" of the DXCC 2000 committee. These are simply points being considered by the committee and not yet "carved in stone:"

- The distances in miles in the "separation criteria" are changed to kilometers.

- There will be ten single band DXCC awards, 160 through 2 meters.

- Two new cumulative DXCC awards will use the totals from nine of the single bands (2 meters excluded):

DXCC Challenge: Award/endorsements at 1000, 2000 and 2500 country levels.

DXCC 2000 Championship: One-time trophy to yearly leader.

(Continued on page 6)

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**COMMUNICATIONS
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Hams on the Web

by Dan Magro, W7RF
radio@bigfoot.com

**Stake your claim on the web!
What, you don't have a slice of it
carved out for yourself?**

The internet, World Wide Web that is. Seems everywhere you go nowadays you see the now familiar: "www.lookatme.com." Some sites are a waste of electricity and your time, but some are quite clever and useful. How about yours? Never thought of putting one up because HTML is not something you look forward to learning? Well, have I got the solution for you!

Our buddy, Bill, "ya gotta love his free stuff," Gates is teasing us with his latest product. You know, Mr. Microsoft, the guy who could, if he wished, give away enough money to embarrass Ted Turner?

His gift is our new resource, It's *Microsoft Frontpage 98™* and it's free (at least till the code expires 12-31-97). Wow, what an easy program to get to know and use! With it you can create your own web site in a matter of MINUTES. Yes, you too can be a Webmaster, a god of your own 2MB! Get MS FrontPage at <http://www.microsoft.com/frontpage/default.htm>. It's so powerful that

some web gurus use it exclusively and it's easy enough to make the newbie look like a pro.

It has templates that you can just fill in with your own personal details or you can go on the "far side" and even include your own code (HTML that is.)

Where do you get all that neat stuff we see on the really cool pages?

Here's a couple places to go for neat graphics and icons:

<http://www.ender-design.com/rg/> and
<http://www.specialweb.com/original/>.

Here are a couple of super tips on how to put it all together:

<http://www.glover.com/ss.html> and
<http://www.dsiegel.com/tips/>.

What do you put up there? Well, you can do a bio about yourself and your station and DX'ing (with a link to the SCDXC web site at: <http://www.primenet.com/~scdxc/>).

You can make an information site, maybe on something that you know or do well. It doesn't have to be a professional job with all the flashing and streaming and fluff, just something with interesting and informative content. You can put up a "What's DX'ing all about" page for those who are wondering what we do, or maybe a site showing the "Tips and tricks from 40+ years of DXing" and how about saying something about DXing with only a vertical/dipole and 100 watts with a catchy saying like, "the antenna switch was accidentally on the roof mounted R7 and I worked him anyway!"

Where do I put my web site? Well, many ISPs (Internet Service Providers) give their dial up customers 2MB free with the connection service. I use



Earthlink™ and I love them. I've been with them for almost 2 years now and they are the most reliable and fastest I have come across yet. They are available at www.earthlink.net (Be sure to tell them *radiodan* referred ya!) or toll-free: 800 395-8425.

\$19.95 a month and a free 2MB web space! If you want to see a couple examples of regular Ham pages from some of your own SCDXC members try:

<http://home.earthlink.net/~radiodan/>
(my site) and:

<http://members.aol.com/kj6y/skip.html>
- our very own Skip, KJ6Y.

There you have it, now go and put something out for the WORLD to see. I'll be keeping an eye out for you!

...Dan, W7RF



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Packet Derby (from page 2)

Spotter	Spots	Score
K6DU	5	11
K6FG	9	9
N6IC	9	9
K6WS	10	8
N6RV	9	8
N6OU	8	8
NI6T	2	8
K5KT	7	7
KU6R	5	5
W6BL	5	5
W6EA	5	5
K6ZZ	5	4
W6RT	5	4
KF6HI	4	4
N6UC	4	4
KG6AR	3	3
AI6Z	2	2
KJ6ZH	2	2
W6BA	2	2
W6FW	2	2
W6UJX	2	2
W3SE	4	1
W6AQ	2	1
K6GXO	1	1
K6OHM	1	1
KJ6Y	1	1
N6HC	1	1
K6JW	1	0

(The Packet Derby automatically assigns points to stations spotting DX on the packet network. High-point winner will receive a prize...ed.)

With the DXAC (Continued)

- DXCC 2000 award: A certificate for working 100 or more countries in the year 2000. (No cards required.)
- DXCC honor roll listings to be combined with "P," "C," or "R" next to the call.
- The DXCC Yearbook will continue with lifetime totals listed.



Editor's Report



The eternal mystery of DX is not what we think. It is not "Where will we go next?" or "Will North Korea ever be activated?" It is, simply, "Why?" "Why do we do it?" Could it be the same animal compulsion that causes a dog to chase its tail, a cat to lick after its paw is long past clean, a lion to pace endlessly?

Every DX'er should know the story of James Bowman Lindsay. His life is the archetype that defines us. Born in 1799 in England, he worked as a weaver and earned enough to barely survive as he attended college. He became a lecturer and finally took a teaching position at Dundee Prison, earning the tiny wage of fifty pounds. He lived in one room and did without comforts of any kind in order to pay for his experiments. In 1834, he invented the electric light, sixty-seven years before Edison. In a lecture about his invention, he said: "Houses and towns in a short time will be lighted by electricity..."



James Bowman Lindsay

Lindsay was fervently interested in wireless telegraphy. In 1854 he patented a method of transmitting wireless signals through water. As his experiments grew larger, he began to dream about communicating with the colonies using the oceans as great conductors. His meager salary stretched as thin as the wire he had to make himself. He formulated chemicals for his batteries and the sticky, smelly insulation. James Bowman Lindsay could have been revered and immortalized in statue and song. He wasn't. His life took a most remarkable turn.

Lindsay decided to translate every word in the English language into fifty other languages. Day and night he sat in that tiny room, surrounded by books and remnants of his inventions, illuminated by his crude electric light. On long, ruled lines, in a manuscript growing fat and tall, he scribed the English word, followed by its equivalent in fifty neat columns. He was somewhere around the letter "D" when he died.

Surely, a man as brilliant as Lindsay would have known that this project would take much more than a lifetime. If he imagined scholars translating texts, he must have known that completeness was necessary. Is it possible that he began this task for exactly the same reason that we pursue DX? It is a never-ending challenge that is certain to result in no more pleasure than James Bowman must have felt when he put down his quill every day: "Okay so far," he smiled as he read over the long columns on the page, "...more tomorrow," and he switched off the light and went to sleep. As I join the race of fervent obsessives competing for that magic moment when 9J2BO repeats my call sign on 17 meters, I look at the neat columns in my log book: "Okay so far," I say, and after I have added Brian in Zambia to my list, "...more tomorrow," and I switch off the radio.

Here's where we break through the "third wall:" When I submitted this story to the Pasadena Radio Club, my astute editor, Kathryn Bassett, KD6KFA wrote: "Great picture! Did he really invent electric light before Edison (IOW what's your source?) If so, why doesn't he get the credit instead of Edison?"

(Continued on page 7)

Editor's Report

(Continued from Page 6)

"Kathryn,

I got the info from a book called Wireless Telegraphy by Richard Kerr, sixth edition (!) Published by London, Seeley & Co, 1903.

I think one of the main reasons Lindsay's light didn't catch on was that there was no readily available distribution of electrical power in those days. Batteries were heavy, complicated, inefficient, foul devices and not available to the general public. Edison succeeded because he integrated his light with the distribution of electrical power. In the 1830's the electrical light must have looked like a useless novelty.
...Harvey, W8DX"

Coming up in the November BULLETin:



Angel, N6MZU, tells of his dream trip cross-country operating CW all the way. His adventures cover over ten-thousand miles!

Rich, WU6T, preliminary to his presentation at the November

meeting, recalls the humor, hijinks and heartbreak of the expedition to San Clemente Island. Don't miss it.

More Sexy QSL's:



Heard and Worked

by Mark Weiss, K6FG



Signals don't get to the sunny shores of Southern California like they get everywhere else. Sometimes, a band is open for just a few minutes. Sometimes,

a rare country appears at a crazy time or frequency. Here are selected reports from local stations. Send your report for October to the Editor.

Date	Time	Band	DX
160			
9/23	1232	160/CW	ZK1XXP*
9/22	1237	160/CW	ZK1XXP*
9/29	1358	160/CW	K7K*
80			
9/5	1347	80/CW	JD1BIY
9/12	1358	80/SSB	BV5BG
9/12	1405	80/SSB	3W0QA
9/14	1346	80/SSB	VK9WM*
9/15	1409	80/SSB	VK9WM*
9/16	1223	80/SSB	VK9WM*
9/19	1357	80/SSB	YE8Q
9/22	1359	80/SSB	ZK1XXP*
9/23	1147	80/CW	ZK1XXP*
9/23	1355	80/SSB	T32RT
9/24	1350	80/SSB	ZK1SSB
9/26	1030	80/SSB	ZK1XXP*
9/29	0601	80/CW	K7K*
9/29	0732	80/SSB	K7K*
40			
9/1	1337	40/CW	JG8NQJ/JD1
9/1	1422	40/CW	R1ANZ
9/2	1339	40/CW	FR5DD
9/3	1306	40/CW	VP8CTR*
9/5	0600	40/CW	9Y4/PA3BBP
9/5	0948	40/CW	HJ1RRL
9/10	0635	40/CW	CL8VP
9/13	1158	40/CW	UE0FFF
9/13	1217	40/CW	AH0R
9/13	1310	40/SSB	VK9WM*
9/14	1523	40/CW	VK9WM*
9/19	1348	40/SSB	VK9WM*
9/19	1417	40/CW	R1ANZ
9/19	1446	40/CW	UR8MA
9/22	0609	40/CW	ZK1XXP*
9/22	1310	40/CW	AB5MF/KH2
9/22	1257	40/CW	VR6CT
9/24	1415	40/SSB	ZK1SSB
9/24	1427	40/CW	T88AA
9/26	1037	40/CW	ZK1XXP*

9/27	1419	40/TTY	BV2KI
9/28	1352	40/TTY	UA0FDX
9/28	1356	40/TTY	VR97BG
9/29	0421	40/CW	RX1OX/FJL
9/29	0428	40/CW	K7K*
30			
9/2	0208	30/CW	9Y4/PA3EWP
9/7	0605	30/CW	9Y4/PA3ERC
9/11	0245	30/CW	EM1HO
9/13	1145	30/CW	WU6T/NA-66
9/16	0658	30/CW	VK9WY*
9/20	1406	30/CW	VK9WY*
9/24	0651	30/CW	ZK1XXP*
9/24	1110	30/CW	VP8CTR*
9/25	0242	30/CW	ZK1XXP*
9/25	0417	30/CW	T95A
9/25	0602	30/CW	OZ8RO
9/28	0354	30/CW	5H1/G3SWH
9/28	1437	30/CW	VR2KF
9/28	1500	30/CW	TK/DL4FF
9/29	0406	30/CW	K7K*
20			
9/5	0011	20/SSB	9X/RW3AH
9/5	0043	20/TTY	9Y4/PA3EWP
9/6	1423	20/SSB	UN8LA
9/6	1452	20/SSB	OZ9EDR
9/6	1457	20/SSB	RK9AWC (Z 17)
9/6	1506	20/SSB	UA9UST (Z 18)
9/9	0238	20/CW	EZ7TOP
9/10	0208	20/TTY	3D2RW
9/10	2053	20/CW	T77BL
9/12	2141	20/SSB	9X0A*
9/13	1431	20/SSB	4U1ITU
9/13	1600	20/CW	JW1CCA
9/16	0447	20/CW	VK9WM*
9/20	0006	20/CW	9X0A*
9/21	0006	20/CW	VR97BG
9/21	0025	20/CW	OH2PM/BY1QH
9/24	0050	20/TTY	VP8CTR*
9/24	0313	20/CW	A45ZN
9/25	0400	20/TTY	ZK1XXP*
9/26	0133	20/TTY	UN5PR
9/26	1519	20/SSB	3B9/3B8DL*
9/27	1426	20/SSB	EA6BH
9/27	1528	20/SSB	OH0BH
9/28	0047	20/TTY	EM1H0
9/28	0313	20/TTY	VR97BG
17			
9/1	1627	17/SSB	YL2DX
9/1	1642	17/CW	OK1VK
9/1	1648	17/CW	GM3POI
9/2	1520	17/SSB	ES1WW
9/2	1938	17/SSB	SV2YC
9/5	2200	17/SSB	TU5GD
9/6	1521	17/CW	5A28
9/7	1509	17/SSB	4X5IS

(Continued on Page 8)

Heard and Worked

(Continued)

9/7	1555	17/SSB	TK5BF
9/7	2022	17/CW	HC5AI
9/10	2101	17/CW	5H1/DL7VSN
9/12	2052	17/SSB	VK9WM*
9/13	0421	17/CW	VK9WY*
9/16	0051	17/CW	VK9WM*
9/16	2138	17/SSB	XT2DP
9/21	1520	17/SSB	OH0/OK1UFM
9/21	1745	17/CW	EA6/DK8WF/P
9/21	1832	17/CW	EA9/DL6RA
9/22	0030	17/SSB	VP8CTR*
9/22	2024	17/CW	ZK1XXP*
9/23	0024	17/SSB	BV5BG
9/23	2144	17/SSB	ZK1XXP*
9/24	1951	17/SSB	ER5OK
9/25	1534	17/SSB	YO6FCW
9/25	1541	17/SSB	SU3AM
9/26	1535	17/SSB	TK/DL7HZ
9/26	1546	17/SSB	TK/DL4FF
9/26	1549	17/SSB	4X4BL
9/26	1622	17/CW	7Z5OO
9/26	1901	17/SSB	OM5XX
9/29	1509	17/SSB	OK1AWZ

15

8/31	2007	15/SSB	5X1Z*
8/31	2128	15/CW	5X1Z*
8/31	2156	15/SSB	S92AT
9/1	2102	15/SSB	5A28
9/1	2213	15/SSB	9X/RW3AH
9/2	2057	15/SSB	5X1Z*
9/5	2022	15/SSB	ZD8T*
9/7	2032	15/CW	9Y4/PA3BBP
9/7	2036	15/SSB	9X0A*
9/7	2039	15/CW	CP8XA
9/8	0118	15/SSB	C21NJ
9/10	1957	15/SSB	9Q5HX*
9/15	1619	15/SSB	ZD7CTO
9/16	1741	15/SSB	3V8BB
9/17	0018	15/SSB	VK9WM*
9/19	0254	15/TTY	VK9WY*
9/21	1928	15/CW	5X1P
9/21	2010	15/SSB	9X0A*
9/21	2016	15/SSB	5X4F
9/22	0021	15/SSB	VP8CTR*
9/22	0029	15/SSB	ZK1XXP*
9/22	2021	15/SSB	ZK1XXP*
9/24	2154	15/SSB	FW5DX*
9/25	2117	15/CW	TT8KM
9/27	2000	15/TTY	EA9JZ
9/29	0030	15/SSB	K7K*

12

8/31	2110	12/SSB	ZP6VT
8/31	2142	12/CW	HK3DDD
9/7	2039	12/CW	9Y4/PA3BBP
9/7	2047	12/CW	LW2DFM

9/7	2051	12/SSB	9Y4/PA3BBP
9/7	2114	12/CW	HP1XBI
9/14	0155	12/SSB	VK9WM*
9/15	2200	12/SSB	VK9WM*
9/21	2335	12/SSB	VP8CTR*
9/25	2129	12/SSB	ZK1XXP*
9/26	2332	12/SSB	FW5XX

10

9/16	0031	10/SSB	3D2RW
9/16	0030	10/SSB	VK9WM*
9/20	0108	10/CW	ZK1XAN
9/25	2143	10/SSB	ZK1XXP*
9/27	2033	10/TTY	KP2D

* QSL Routes

3B9/3B8DL	JA1ELY
5X1Z	SM7PKK
9Q5HX	IK2MRZ
9X0A	RW3AH
FW5DX	FR5DL
K7K	KE7LZ
VK9WM	VK4FW
VK9WY	VK4FW
VP8CTR	DL5EBE
ZD8T	AC4IV
ZK1XXP	WA4YBU

(Thanks to K6FG, W8DX,
K6YRA)

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Convention Committee at Work

The 1998 DX Convention Committee held a status meeting on September 27. All departments reported normal progress.

The San Diego DX Club was represented and presented a plan for their participation. After the meeting, members folded, stamped, sealed and labeled five-hundred fliers. If you attended last year, you should have your form very soon.



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W6RW Not Lunchmeat! (Sez the Rancho Cucamonga City News)



The Inland Valley Daily Bulletin featured a field day effort by the Rancho Cucamonga RACES chapter. Our own most photographed member, Mike Mitchell, W6RW took the opportunity to lobby for a non-restrictive tower ordinance. Reporter Alexandra Lim got it



mostly right, particularly the use of Amateur television. Lim wrote: "... while possibly providing a public service in the future in the event of an emergency."

Hey! She got the names right.

Photos by Stan Lim.

Ham Puzzle by Milt, W6RJO



Here's the solution to last month's puzzler: Each Heard Island Operator's solo proficiency was $80,000 / 70 \times 24 = 47.6$ QSO's per hour. If "Q" is the QSO loss rate per hour due to inter-operator eyeball QSO's, then the eight member team proficiency was: $(8 \times 80,000 / 70 \times 24) - Q$, or $381 - Q$ QSO's per hour. The total operating team hours (240) equals $80,000$ QSO's / Number of team QSO's per hour. $240 = 80,000 / (381 - Q)$. Algebra says that $Q = 381 - (80,000 / 240) = 47.6$ lost QSO's per hour. (Note: this amounts to the effective loss of one operator.) For the ten

day period, there were $47.6 \times 10 \times 24 = 11,424$ lost QSO's. If the team members were robots, they would have scored at least $80,000 + 11,424 = 91,424$ QSO's. But $80,000$ is not too shabby considering all their other aggravations!

There were two winners this month! **Shel Shallon, W6EL** came up with $11,429$ lost QSO's, **Mark Weiss, K6FG** reported $11,428.568$. The roughly five "Q" difference is "rounding up" in my brain (I do the math in my head.) Congratulations! Your awards are on the way.

Here is the October Puzzler. Good luck:

The major raffle prizes on a recent club meeting night were a QRP transceiver, Heil mike/headset, 5-way coax switch and a SWR/power output meter. Among the high roller winners were: K5KT, K6RO, WU6T and W6EA. Not respectively, their first names are: Dick, Art, Joe and "Lar." Using the clue list below, match their names to their call signs and the prizes they won. Try not to peek at the roster. Fill in the truth table below to keep track of what the clues say by marking NO and YES in the proper boxes.

1. WU6T (Sparky), "Lar" and W6EA are all past or present presidents, currently in good standing in the club.
2. The coax switch wasn't won by Art or Joe.
3. W6EA didn't win the SWR power meter or the QRP transceiver.
4. Neither did Joe (Smiley) win the Heil mike/headset.
5. "Lar" not only didn't win the QRP transceiver, but he isn't K5KT.
6. Dick and W6EA are neighbors (for the sake of the puzzle).
7. K6RO didn't win the coax switch.

(The "yes's" will come - they are the answers. For example, clue 2 produces the upper two "no's." Clue 7 gives the lower "no.")

	WU6T	W6EA	K5KT	K6RO	Coax	SWR	QRP	Heil
Lar								
Dick								
Art					No			
Joe					No			
Coax				No				
SWR								
QRP								
Heil								

(Send your solution to the
BULLETIN Editor, email, post,
FAX okay)

Cut here

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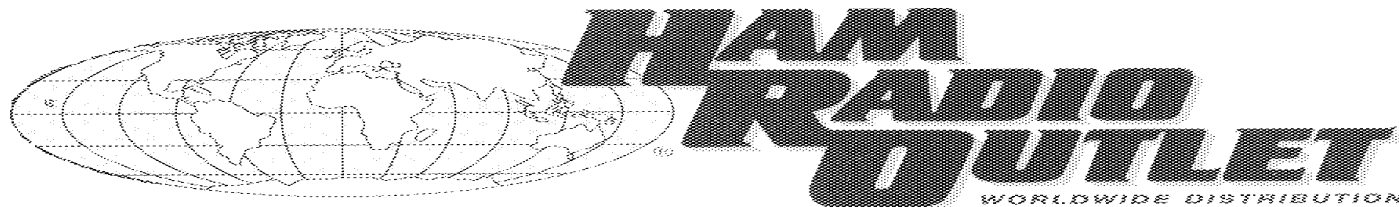
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